



PTO/SB/08A (10-01)

Approved for use through 10/31/2002.OMB 0851-0031

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Substitute for form 1449A/PTO				Complete If Known	
				Application Number	10/643528
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Filing Date	August 19, 2003
				First Named Inventor	John D. Barber
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
				Attorney Docket Number	LA-7241-111US
Sheet	1	of	1		

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Number-Kind Code ² (if known)				
mm		US-5,492,741		Akao et al.		
		US 3,843,591		Hedrick et al.		
		US Pub. 2002/0140012		Normano Nitzsche		
		US Pub2003/0069342		Jess R. Booth et al.		
mm		US 2002/0198121		Nitzsche		
FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Country Code ⁴ -Number ⁴ -Kind Code ⁵ (if known)				
mm		PTO/US00/14268 Pub WO00/73370	7 Dec 2000	Hi-Tech Environmental Products LLC		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

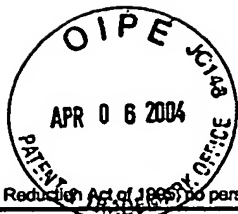
¹ Applicant's unique citation designation number (optional). ² See attached Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
mm		U. S. Patent Application Serial No. 09/322,211 filed May 23, 1999	
		Database WPI, Section Ch, Week 198601, Derwent Publications Ltd., London, GB; Class A60, AN1986-004356, XP002147528 & JP 60 231729A (Asahi Chem Ind Co Ltd), 10 November 1985 (1985-11-18) abstract (Cited in WO 0073370)	
		Database WPI, Section Ch, Week 1999348, Derwent Publications Ltd., London, GB; Class A12, AN1993-384145, XP002147529 & SU 1 775 428 (Kamen I Silikaty Res Prodn Assn) 15 November 1992 (1992-11-15) abstract (Cited in WO 0073370)	
		K. Lakdawala and R. Salovey, "Rheology of Polymers Containing Carbon Black", Polymer Engineering and Science, vol. 27, No. 14, 1035-1042 (1987)	
		K. Lakdawala and R. Salovey, "Rheology of Copolymers Containing Carbon Black", Polymer Engineering and Science, vol. 27, No. 14, 1043-1049 (1987)	
		L. Nuel and M.M. Denn, "Effect of Processing and Particulate Fillers on the Rheology of a Nematic Polymer Melt", Rheologica Acta 30, 65-70 (1991)	

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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	08/19/05
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U.S. PATENT DOCUMENTS					
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mm		6,921,789	7/2005	Booth et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶

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Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		U.S. Patent Application Serial No. 10/036,159 filed Dec. 26, 2001.	

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Examiner Signature		Date Considered	8/29/05
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FORM PTO-1449 LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO. 7241-111	SERIAL NO. 10/643,528
	APPLICANT: JOHN D. BARBER et al.	
	FILING DATE: August 10, 2003	GROUP:

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
mm	AA	4,347,174	8/1982	NAGASE et al.	523	116	
	AB	5,109,051	4/1992	KROENKE et al.	524	444	
	AC	5,667,842	9/1997	LARSON et al.	427	258	

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)		

EXAMINER: <i>Ment Ota</i>	DATE CONSIDERED: <i>8/29/05</i>
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